

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>JNR-PB60275</b>	<b>FOR FURTHER ACTION</b> <small>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</small>	
International application No. <b>PCT/EP2004/005495</b>	International filing date (day/month/year) <b>19/05/2004</b>	(Earliest) Priority Date (day/month/year) <b>23/05/2003</b>
Applicant  <b>GLAXO GROUP LIMITED</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

**4. With regard to the title,**

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

**5. With regard to the abstract,**

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

**6. With regards to the drawings,**

a. the figure of the **drawings** to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/005495

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01F38/14 B01F7/00 B01F15/00 B01F15/06 B01F13/08  
G01K17/00 H05B6/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01F B01F G01K H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 605 977 A (KODAK LTD ; EASTMAN KODAK CO (US)) 13 July 1994 (1994-07-13)  abstract column 2, line 52 - column 3, line 15; figure 1 column 3, lines 30-36	1-4, 9-11, 14, 20-24, 26-28
X	DE 37 36 170 A (MESA SYSTEMTECHNIK GES FUER ME) 18 May 1989 (1989-05-18) abstract column 4, lines 24-38; figure 5  ----- -/--	35-47, 49-57

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

13 October 2004

Date of mailing of the international search report

22/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.  
Fax: (+31-70) 340-3016

Authorized officer

Reder, M

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/005495

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/047008 A1 (SNOWBALL MALCOLM ROBERT) 25 April 2002 (2002-04-25)  abstract paragraphs '0029! - '0033!, '0035!; figure 1 paragraphs '0038! - '0046!; figures 3,4 -----	35-37, 39-44, 46, 49-54,56
X	GB 2 175 815 A (ELECTRICITY COUNCIL) 10 December 1986 (1986-12-10) abstract page 1, lines 84-118; figure 1 -----	39-42,49
X	DE 34 30 876 A (FRITSCH RUDOLF P) 6 March 1986 (1986-03-06) abstract page 13, lines 11-24; figure 1 -----	39-42,49
X	DE 33 14 824 A (JUNKER GMBH O) 31 October 1984 (1984-10-31) abstract page 15, line 11 - page 16, line 9; figures 3-7 -----	39-42,49
A	WO 02/076595 A (AVANTIUM INTERNAT B V ; NESBITT GEOFFREY JOHN (NL); BODENSTAFF EMILIO) 3 October 2002 (2002-10-03) cited in the application the whole document -----	1-59
A	EP 0 589 093 A (SIGMA DELTA NV) 30 March 1994 (1994-03-30) abstract; figures 1,2 -----	1-59

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/005495

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0605977	A	13-07-1994	CA 2102261 A1	19-06-1994
			DE 69330306 D1	12-07-2001
			DE 69330306 T2	10-01-2002
			EP 0605977 A1	13-07-1994
			JP 6324466 A	25-11-1994
			US 5418593 A	23-05-1995
DE 3736170	A	18-05-1989	DE 3736170 A1	18-05-1989
US 2002047008	A1	25-04-2002	GB 2362306 A	14-11-2001
			EP 1130336 A2	05-09-2001
GB 2175815	A	10-12-1986	AT 62151 T	15-04-1991
			DE 3678492 D1	08-05-1991
			EP 0204467 A2	10-12-1986
			US 4678881 A	07-07-1987
DE 3430876	A	06-03-1986	DE 3430876 A1	06-03-1986
DE 3314824	A	31-10-1984	DE 3314824 A1	31-10-1984
WO 02076595	A	03-10-2002	EP 1243315 A1	25-09-2002
			WO 02076595 A1	03-10-2002
			EP 1381450 A1	21-01-2004
			US 2004165474 A1	26-08-2004
EP 0589093	A	30-03-1994	EP 0589093 A1	30-03-1994